

CLAIMS

We claim:

1. A method for providing surveillance within a
5 communication network, the communication network providing
communication services for a subscriber, wherein the
subscriber accesses the communication network via an access
network, the method comprising the steps of:
storing surveillance information in a data structure;
10 receiving a request for surveillance services from a
requesting agency;
providing a services client element associated with a
surveillance target, the server client being interfaced to a
surveillance server for generating a duplicate of call
15 information associated with the surveillance target;
selecting a call information interface associated with
the surveillance target and the requesting agency; and
selecting a call information format associated with the
surveillance target and the requesting agency,
20 wherein the duplicate of call information is based on
the request, and wherein the surveillance server transmits
the duplicate of call information to the requesting agency
via the call information interface and the call information
format.
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2. The method of claim 1, wherein the surveillance
information comprises one of a surveillance feature, a
surveillance target identifier, and a requesting agency
identifier.
- 30 3. The method of claim 1, wherein the call
information comprises one of bearer information and call
signaling information.

4. The method of claim1, wherein the call information interface comprises one of a circuit switched interface and a single packet data interface.

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5. The method of claim 1, wherein the call information format comprises one of a Telecommunications Industry Association (TIA) format and an European Telecommunications Standards Institute (ETSI) format.

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6. The method of claim 1, wherein the access network comprises a radio access network.

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7. A communication network providing communication services for a subscriber, wherein the subscriber accesses the communication network via an access network, the communication network comprising:

5 a services agent element having a data structure, the service agent element coupled to process a request for surveillance services from a requesting agency; and

a services client element, the service client being interfaced with the service agent element,

10 wherein the services client element is responsive to the services agent element for providing a duplicate of call information associated with a surveillance target for communication to the requesting agency via a call information interface and a call information format.

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8. The communication network of claim 7, wherein the data structure comprises one of a surveillance feature, a surveillance target identifier, and a requesting agency identifier.

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9. The communication network of claim 7, wherein the services agent element is part of a core network.

10. The communication network of claim 7, wherein the
25 call information comprises one of bearer data and call signaling data.

11. The communication network of claim 7, wherein the
call information interface comprises one of a circuit
30 switched interface and a single packet data interface.

12. The communication network of claim 7, wherein the call information format comprises one of a Telecommunications Industry Association (TIA) format and an European Telecommunications Standards Institute (ETSI) 5 format.

13. The communication network of claim 7, wherein the access network comprises a radio access network.

TELETYPE UNIT

14. In a communication network providing communication services for a subscriber, wherein the subscriber accesses the communication network via an access network, and wherein a server operates in accordance with a computer program embodied on a computer-readable medium for providing surveillance within the communication network, the computer program comprising:

a first routine that directs the server to store surveillance information in a data structure;

10 a second routine that directs the server to receive a request for surveillance services from a requesting agency;

a third routine that directs the server to provide a services client element associated with a surveillance target, the server client being interfaced to a surveillance 15 server for generating a duplicate of call information associated with the surveillance target;

a fourth routine that directs the server to select a call information interface associated with the surveillance target and the requesting agency; and

20 a fifth routine that directs the server to select a call information format associated with the surveillance target and the requesting agency,

wherein the duplicate of call information is based on the request, and wherein the surveillance server transmits 25 the duplicate of call information to the requesting agency via the call information interface and the call information format.

30 15. The computer program of claim 14, wherein the surveillance information comprises one of a surveillance

feature, a surveillance target identifier, and a requesting agency identifier.

16. The computer program of claim 14, wherein the call
5 information comprises one of bearer information and call
signaling information.

17. The computer program of claim 14, wherein the call
information interface comprises one of a circuit switched
10 interface and a single packet data interface.

18. The computer program of claim 14, wherein the call
information format comprises one of a Telecommunications
Industry Association (TIA) format and an European
15 Telecommunications Standards Institute (ETSI) format.

19. The computer program of claim 14, wherein the
access network comprises a radio access network.